

**SECRET****10 SEPTEMBER 1959 1:00 PM**

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**TO:****FROM:****PRIORITY**

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1. THIS MESSAGE IS FOR [REDACTED]

2. SUBJECT: TASK CHANGE RECORD NO. 14

3. IN ACCORDANCE WITH DISCUSSIONS BETWEEN [REDACTED]

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R.M. BISSELL AND [REDACTED] CONTRACTOR IS PROCEEDING WITH ADDITIONAL TASKS. THESE ADDITIONAL TASKS WILL INCLUDE:

A. WIND TUNNEL MODEL OF 2-D EXIT - CONTRACTOR WILL DESIGN, CONSTRUCT AND TEST A WIND TUNNEL MODEL OF THE 2-D EXIT NOZZLE. AN ANALYSIS AND SUMMARY OF THE RESULTING DATA WILL BE CARRIED OUT. DESIGN AND CONSTRUCTION OF THIS MODEL WILL BE AT CONTRACTOR'S EXPENSE. COSTS FOR TESTING AND DATA ANALYSIS WILL BE CHARGED TO THE CUSTOMER. THIS PROGRAM WILL BE CONDUCTED DURING THE PERIOD FROM 14 SEPTEMBER THROUGH 13 DECEMBER 1959.

B. KINGFISH SUMMARY REPORT - CONTRACTOR WILL PREPARE AND SUBMIT A SUMMARY REPORT OF THE WORK COMPLETED TO 1 SEPTEMBER ON THE KINGFISH AIRPLANE AND RELATED STUDIES. PREPARATION AND PUBLICATION OF THIS REPORT WILL BE CONDUCTED DURING THE PERIOD FROM ~~1 SEPTEMBER~~ <sup>21 AUGUST</sup> THROUGH 11 OCTOBER 1959

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C. TECHNICAL REPORT - RODGER'S EFFECT - CONTRACTOR WILL PREPARE AND SUBMIT A TECHNICAL DATA REPORT ON THE WORK CONDUCTED THROUGH 18 SEPTEMBER ON THE APPLICATION OF RODGER'S EFFECTS TO THE FISH AND KINGFISH VEHICLES. PREPARATION AND PUBLICATION OF THIS REPORT WILL BE CONDUCTED DURING THE PERIOD FROM 8 SEPTEMBER THROUGH 20 OCTOBER 1959.

D. ELECTRONIC TESTING - CONTRACTOR WILL CONDUCT ADDITIONAL ELECTRONIC TESTS ON THE LARGE-SCALE AND 1/8 SCALE MODELS DURING THE PERIOD FROM 11 SEPTEMBER THROUGH 18 SEPTEMBER. RESULTS OF THESE TESTS WILL BE ANALYZED AND INCORPORATED INTO THE REPORT DISCUSSED UNDER ITEM 3C ABOVE.

E. WIND TUNNEL INLET MODEL - BASED ON SUCCESSFUL RESULTS OF THE 2-D NOZZLE TESTS, CONTRACTOR WILL CARRY OUT DESIGN OF A WIND TUNNEL INLET MODEL TO BE PREPARED TO DEMONSTRATE TECHNICAL FEASIBILITY OF THE KINGFISH INLET. THIS DESIGN WILL BE CARRIED OUT DURING THE PERIOD FROM 29 NOVEMBER THROUGH 18 DECEMBER 1959.

4. ESTIMATED COSTS FOR THESE ADDITIONAL TASKS ARE AS FOLLOWS:

A. WIND TUNNEL MODEL OF 2-D NOZZLE

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(1) DESIGN AND CONSTRUCTION (~~CORPORATE-FUNDED~~)

(2) TESTING AND DATA ANALYSIS

B. KINGFISH SUMMARY REPORT

C. TECHNICAL REPORT - RODGER'S EFFECT

D. ELECTRONIC TESTING

E. WIND TUNNEL INLET MODEL DESIGN

TOTAL ESTIMATED COST

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5. CONTRACTOR CURRENTLY HAS AVAILABLE AN INDICATED   
 AFTER 8 SEPTEMBER 1959, THEREFORE, FUNDING REQUIREMENTS FOR THE  
 ADDITIONAL WORK ARE AS FOLLOWS:

ESTIMATED COST FOR ADDITIONAL TASKS

LESS CURRENT FUNDS AVAILABLE

ADDITIONAL FUNDS REQUIRED

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6. IN ACCORDANCE WITH THE ABOVE, CONTRACTOR SUBMITS THE  
 FOLLOWING CHANGE TO THE CONTRACT:

	ESTIMATED COST	FEE	TOTAL
<b>BASIC TASK</b>			
TCR NO. 1 (Eng. Duot)			
TCR NO. 2 (Eleet. Model)			
TCR NO. 3 (Eleet. Model)			
TCR NO. 4 (Eng. Duot)			
TCR NO. 5 (Facilities)			
TCR NO. 6 (Plt. Cont. Sys.)			
TCR NO. 7 (Air Turb. Drive)			
TCR NO. 8 (May 15-30 June Task)			
TCR NO. 9 (Facilities)			
TCR NO. 10 (1 July-15 July Task)			
TCR NO. 11 (Task Description)			
TCR NO. 12 (Error Adjustment)			
TCR NO. 13 (27 July-30 Aug )			
<b>TOTALS</b>			
TCR NO. 14			
<b>ADJUSTED TOTALS</b>			

7. CONTRACTOR HAS SHOWN INDICATED UNDERRUNS AND OTHER AVAILABLE  
 FUNDS IN THE TOTAL AMOUNT OF  TO DATE; THEREFORE, TOTAL  
 FUNDING REQUIREMENTS UNDER THIS CONTRACT TO DATE ARE AS FOLLOWS:

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**TOTAL OF ALL ESTIMATES**

**TOTAL FEE**

**TOTAL**

**LESS INDICATED AVAILABLE  
FUNDS UNDER TCR 13**

**LESS INDICATED AVAILABLE  
FUNDS UNDER TCR 14**

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**TOTAL FUNDING REQUIRED TO DATE**

**END OF MESSAGE**

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